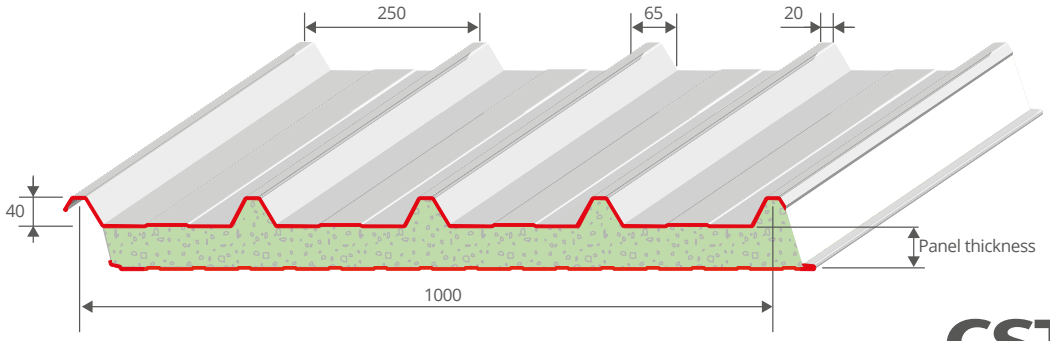
COVISO 4.40



CSTB

DTA COVISO 4.40/HI-XT ›
NO.2/16-1772

ACERMI

0.023
W/m.K

B-s2,d0

MATERIALS AND COATINGS ›

	Materials	Coatings	Nominal thickness mm	Standards
External facing	S250 GD	Polyester 35 µm	0.50	NF EN 10169 / NF P 34-301
Internal facing	S220 GD	Polyester 15 µm	0.40	NF EN 10169 / NF P 34-301

DIMENSIONS & WEIGHT ›

Panel thickness (mm)	30	40	60	80	100	120
Useful width (mm)	1000					
Min. max. lengths (mm)	500 to 13,500 *(for longer lengths, please contact us)*					
Weight (kg/m²)	9.7	10.12	10.96	11.8	12.64	13.48

DOWNWARD LOAD ACTION ›

Use span table [1], in metres, according to nominal loads (in accordance with EN 1991)

Downward loads	30 mm		40 mm		60 mm		80 mm		100 mm		120 mm	
daN/m²	▲▲	▲▲▲	▲▲	▲▲▲	▲▲	▲▲▲	▲▲	▲▲▲	▲▲	▲▲▲	▲▲	▲▲▲
50	3.87	4.79	4.38	5.03	5.4	5.51	5.95	5.94	6.50[1]	6.37[1]	6.50[1]	6.50[1]
75	3.25	4.02	3.7	4.23	4.58	4.64	5.43	5.01	6.28[1]	5.38	6.50[1]	6.38[1]
100	2.87	3.53	3.28	3.72	4.09	4.08	4.81	4.42	5.53	4.75	6.10[1]	4.97
125	2.60	3.18	2.95	3.35	3.66	3.69	4.33	3.99	5.01	4.30	5.54	4.08
150	2.40	2.69	2.71	2.92	3.34	3.39	3.99	3.67	4.63	3.96	5.12	3.45
175	2.23	2.32	2.52	2.60	3.08	3.15	3.69	3.40	4.31	3.64	4.78	3.00
200	2.04	2.04	2.32	2.35	2.87	2.96	3.45	3.09	4.04	3.21	4.51	2.64
225	1.82	1.83	2.11	2.15	2.69	2.80	3.26	2.84	3.81	2.88	4.24	2.37
250	1.65	1.65	1.94	1.96	2.53	2.58	3.07	2.59	3.62	2.60	4.02	2.14

[1] *Spans are limited to 6 metres within the CSTB 3731 specification*

UPLIFT LOAD ACTION ›

Use span table [1], in metres, according to nominal loads (in accordance with EN 1991)

Uplift loads	30 mm		40 mm		60 mm		80 mm		100 mm		120 mm	
daN/m²	▲▲	▲▲▲	▲▲	▲▲▲	▲▲	▲▲▲	▲▲	▲▲▲	▲▲	▲▲▲	▲▲	▲▲▲
50	5.00	4.98	5.17	5.49	5.50	6.50[1]	6.00	6.75[1]	6.50[1]	7.00[1]	6.50[1]	7.00[1]
75	4.10	3.90	4.37	4.63	4.92	6.10[1]	5.23	6.55[1]	5.54	7.00[1]	6.00[1]	7.00[1]
100	3.51	3.33	3.74	3.96	4.21	5.21	4.47	5.70	4.72	6.19[1]	5.09	6.82[1]
125	3.12	2.94	3.32	3.50	3.73	4.61	3.96	5.05	4.19	5.49	4.53	5.98
150	2.83	2.67	3.02	3.18	3.40	4.20	3.60	4.59	3.79	4.98	4.09	5.41
175	2.61	2.31	2.78	2.84	3.13	3.88	3.32	4.10	3.50	4.32	3.73	4.79
200	2.44	2.01	2.60	2.55	2.92	3.61	3.09	3.68	3.26	3.75	3.51	4.16

[1] *Spans are limited to 6 metres within the CSTB 3731 specification*

The uplift loads under consideration are valid for all rib mounting.
For other mounting and load cases, please contact us.